

AMENDMENT TO THE SPECIFICATION

Please replace the paragraph beginning at page 22, line 29 and ending at page 23, line 13 with the following:

At step 610, lemma delta module 518 encodes information on how two words (e.g. an inflection and lemma) differ from each other. In some embodiments, up to 4 bytes of information are encoded in lemma delta field 470, which essentially are steps for transforming one word (e.g. inflection or derivative) into another word (e.g. the base word or lemma). Suppose the word "runs" is entered in lexicon 308, 540~~340~~. In the present invention, the word "runs" can be transformed to its lemma "run" using, for example, up to four states or steps necessary to make a complete transformation. Generally, the present invention attempts to encode the most common steps (e.g. 15 possible steps) necessary to transform inflections or derivations to corresponding lemmas for a given language.